Please type a plus sign (+) inside this box		Attorney Docket No. 4811 - 410					
UTILITY		First Inventor or Application					
PATENT APPLICATION					- <del> </del>		
RANSMITTAL	Title			COCCAL VACCIN	ES in S		
for nonprovisional applications under 37 CFR § 1.53(b)) เก	Express	Mail Label No.	EM0	01236728US			
APPLICATION ELEMENTS  Employer 600 concerning utility patent application contents.		ADDRE	Box Patent Application ADDRESS TO: Assistant Commissioner for Patents Washington, D.C. 20231				
General Authorization Form & Fee Tra     (Submit an original and a duplicate for fee process)		٠. ا		Computer Program <i>(App</i>			
2. Specification [Total Pages] [preferred arrangement set forth below)	38		eotide and plicable, all n	Amino Acid Sequence Secessary)	Submissior		
<ul> <li>Descriptive Title of the Invention</li> <li>Cross References to Related Application</li> </ul>	ations	a	Compute	er-Readable Copy			
- Statement Regarding Fed sponsored		b. X	Paper Co	opy (identical to compute	er copy)		
<ul> <li>Reference to Microfiche Appendix</li> <li>Background of the Invention</li> </ul>		с.	Stateme	nt verifying identity of ab	ove copies		
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS						
<ul><li>Brief Description of the Drawings (if filed)</li><li>Detailed Description</li></ul>		8 A	Assignment	Papers (cover sheet & d	ocument(s)		
<ul><li>Claim(s)</li><li>Abstract of the Disclosure</li></ul>			7 CFR 3.73(t when there is a	' I FUWE	r of Attorne		
X Drawing(s) (35 USC 113) [Total Sheets]	6	10. E	English Tra	nslation Document (if ap			
4 Oath or Declaration [Total Pages]			nformation Di Statement (ID	sclosure Copies S)/PTO-1449 Citation	s of IDS ons		
Newly executed (original or copy)		12. F	Preliminary	Amendment			
a. Newly executed (original or copy)  Copy from a prior application (37 CF (for continuation/divisional with Box 17 cm)	from a prior application (37 CFR 1.63(d)) ntinuation/divisional with Box 17 completed)			13. X Return Receipt Postcard  Small Entity Statement filed in prior application			
i. DELETION OF INVENTOR(S) Signed statement attached del	eting	14 s	Small Entity Statement(s)	Statement filed in pr Status still proper ar			
inventor(s) named in the prior a see 37 CFR 1.63(d)(2) and 1.3	applicatior 33(b)	115   1	Certified Co	opy of Priority Documen y is claimed)	t(s)		
Incorporation By Reference (useable if box 4b is The entire disclosure of the prior application, fr	om which	a   'Ö'	Other: <u>Cer</u>	tificate of Express Mail			
copy of the oath or declaration is supplied under is considered to be part of the disclosure of the	er Box 4b, e						
accompanying application and is hereby incorp	oorated by	-					
reference therein.							
17. If a CONTINUING APPLICATION, check appropria	priate box ar				ndment		
Continuation Divisional C	ontinuation-	In-Part (CIP) o	of prior Applic	ation No.:			
Prior application information: Examiner			Gr	oup / Art Unit			
X Claims the benefit of Provisional Application	No. <u>60/05</u>	8,635, filed 9/12	/97				
		NDENCE ADDR	RESS				
		McMasters Berry LLP					
	6300 Colu	umbia Center					
	701 Fifth	Avenue /ashington 98104	-7092				
		-4900 <i>phone / d</i> (2		)31 fax			
Respectfully submitted,							
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** 

James B. Dale, Memphis, Tennessee

Filed

: September 10, 1998

For

GROUP A STREPTOCOCCAL VACCINES

Docket No.

481112.410

Date

September 10, 1998

Box Patent Application Assistant Commissioner for Patents Washington, DC 20231

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Sir:

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Respectfully submitted,

SEED and BERRY LLP

Jeanette West / Brunetta Ishman / Kennethia Ishman

DDM:nr

**Enclosures:** 

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Specification, Sequence Listing, Claims, Abstract (38 pages)

6 Sheets of Drawings (Figures 1-7B)

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